

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: B608010256 DOC. DATE: 86/07/24 NOTARIZED: YES DOCKET #
 FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha 05000410
 AUTH. NAME AUTHOR AFFILIATION
 MANGAN, C. V. Niagara Mohawk Power Corp.
 RECIP. NAME RECIPIENT AFFILIATION
 ADENSAM, E. G. BWR Project Directorate 3

SUBJECT: Forwards revised human engineering discrepancy forms
 containing addl info discussed w/NRC on 860717. Info pertains
 to use of suppression chamber air & water temp measurements
 in performance of emergency procedures.

DISTRIBUTION CODE: A003D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 5
 TITLE: OR/Licensing Submittal: Suppl 1 to NUREG-0737(Generic Ltr 82-33)

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
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	BWR EICSB	2 2	BWR FOB	1 1
	BWR PD3 LA	1 1	BWR PD3 PD	7 7
	HAUGHEY, M	1 1	BWR PSB	1 1
	BWR RSB	1 1		
INTERNAL:	ADM/LFMB	1 0	IE/DEPER/EPB	3 3
	NRR BWR ADTS	1 1	NRR PAULSON, W	1 1
	NRR PWR-B ADTS	1 1	NRR/DSRD EMRIT	1 1
	NRR/DSRD/EIB	1 1	NRR/DSRD/RSIB	1 1
	<u>REG FILES</u>	1 1	RGN1	1 1
EXTERNAL:	LPDR	1 1	NRC PDR	1 1
	NSIC	1 1		

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July 24, 1986
(NMP2L 0797)

Ms. Elinor G. Adensam, Director
BWR Project Directorate No. 3
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Washington, DC 20555

Dear Ms. Adensam:

Re: Nine Mile Point Unit 2
Docket No. 50-410

Enclosed are revised Human Engineering Discrepancy (HED) forms containing the additional information discussed with your staff on July 17, 1986. The additional information pertains to the use of suppression chamber air and water temperature measurements in the performance of Emergency Operating Procedures. The affected Human Engineering Discrepancy forms are HED 220, Rev. 2; HED 958, Rev. 2; and HED 131, Rev. 1. These revised documents will become part of the Detailed Control Room Design Review Final Summary Report.

Very truly yours,

C. V. Mangar
C. V. Mangar
Senior Vice President

1861G
Enclosure

xc: W. A. Cook, NRC Resident Inspector
Project File (2)

8608010256 860724
PDR ADCK 05000410
A PDR

A003
1/1



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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)
Niagara Mohawk Power Corporation)
(Nine Mile Point Unit 2))

Docket No. 50-410

AFFIDAVIT

C. V. Mangan, being duly sworn, states that he is Senior Vice President of Niagara Mohawk Power Corporation; that he is authorized on the part of said Corporation to sign and file with the Nuclear Regulatory Commission the documents attached hereto; and that all such documents are true and correct to the best of his knowledge, information and belief.

C. Mangan

Subscribed and sworn to before me, a Notary Public in and for the State of New York and County of Onondaga, this 24th day of July, 1986.

Christine Austin
Notary Public in and for
Onondaga County, New York

My Commission expires:
CHRISTINE AUSTIN
Notary Public in the State of New York
Qualified in Onondaga Co. No. 4787687
My Commission Expires March 30, 1987

CHRISTINE ANSTIN
Notary Public in the State of New York
Qualified in Onondaga Co. NY. 4181631
My Commission Expires March 30, 19__

HUMAN ENGINEERING DISCREPANCY

Rev. 1

HED NUMBER: 131.00 ORIGINATOR: RD DATE: 7/24/86
UTILITY: NMP PLANT: NMP UNIT: 2

DESCRIPTION OF DISCREPANCY

Response to the operator survey indicated that an indication of average suppression pool temperature is needed in the control room. This may be a critical indicator in emergency operations. Visual displays provided in the control room should give operators all the information about system status and parameters needed to meet task requirements in emergency situations.

COMMENTS

In the case of SPDS computer failure, the operator will use the highest temperature as average temperature, for EOP actions.

ASSESSMENT CATEGORY: 2C

DISPOSITION: FIX

EXPLANATION

Same as HED 958.00. The SPDS computer currently provides an indication of average suppression pool temp. An indication of average suppression pool and temperature will be provided on panel 601.

IMPLEMENTATION: FIRST REFUEL OUTAGE

SOURCE OF DISCREPANCY

Operator survey

EXPLANATORY INFORMATION

A3.15

<u>PANEL</u>	<u>EQUIPMENT ID NUMBER</u>	<u>EQUIPMENT NAME</u>	<u>OTHER</u>
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1

2

3

4

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HUMAN ENGINEERING DISCREPANCY

Rev. 2

HED NUMBER: 220.00 ORIGINATOR: DFT DATE: 7/24/86
UTILITY: NMP PLANT: NMP UNIT: 2

DESCRIPTION OF DISCREPANCY

Procedure refers to average suppression chamber (air) temperature when determining drywell spray initiation pressure limit. The indication available on panel 601 is suppression pool temperature.

COMMENTS

Currently, the highest and lowest suppression chamber temperatures are displayed on indicators on back panels 873 and 875. Individual temperatures are provided on recorders on the same panels. In addition, individual temperatures are available on the main plant (process) computer. In the case of the main plant (process) computer failure, the operator will use the highest temperature as average temperature for EOP actions.

ASSESSMENT CATEGORY: 2C

DISPOSITION: FIX

EXPLANATION

(Stage 1) Calculate average suppression chamber (air) temperature on the main plant computer.

(Stage 2) Provide hardwired average suppression chamber (air) temperature indicators on panel 601.

IMPLEMENTATION: STAGE 1: FUEL LOAD STAGE 2: FIRST REFUEL OUTAGE

SOURCE OF DISCREPANCY

EXPLANATORY INFORMATION

Validation

7.5

<u>PANEL</u>	<u>EQUIPMENT ID NUMBER</u>	<u>EQUIPMENT NAME</u>	<u>OTHER</u>
601		Average Suppression Chamber Temp	



HUMAN ENGINEERING DISCREPANCY

Rev. 2 |

HED NUMBER: 958.00
UTILITY: NMP

ORIGINATOR: DKB
PLANT: NMP

DATE: 7/24/86
UNIT: 2

DESCRIPTION OF DISCREPANCY

Verification has determined that indication for average suppression pool temperature is not available.

COMMENTS

In the case of SPDS computer failure, the operator will use the highest temperature as average temperature, for EOP actions.

ASSESSMENT CATEGORY: 2C

DISPOSITION: FIX

EXPLANATION

Same as HED 131.00. The SPDS computer currently provides an indication of average suppression pool temp. An indication of average suppression pool and temperature will be provided on panel 601.

IMPLEMENTATION: FIRST REFUEL OUTAGE

SOURCE OF DISCREPANCY

Verification of suitability

EXPLANATORY INFORMATION

PRO.0020, Task 0020, A.S.01

PANEL

EQUIPMENT
ID NUMBER

EQUIPMENT
NAME

OTHER

